

# Mathcamp 2018 Week 2 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday	Saturday
7:00 – 9:00	Mines Market	Breakfast				
9:05–9:55	Alderson 162	Assembly (Berthoud 241)	de Bruijn Sequences $\mathcal{J}\mathcal{J}$ (Pesto)		Random Matchings in Cubes $\mathcal{J}\mathcal{J}$ ( <i>Fedya Manin</i> )	
	Alderson 230		Intro Ring Theory $\mathcal{J}\mathcal{J}\mathcal{J}$ (Lara)			
	Brown 125		Hilbert's Paper, Scissors, and Rock $\mathcal{J}\mathcal{J}$ (Steve)			
	Brown 206		[HR] Haskell $\mathcal{J}\mathcal{J}$ (Larsen)			
	Brown W375		How Curved is a Potato? $\mathcal{J}\mathcal{J}\mathcal{J}$ (Apurva)			
10:10–11:00	Alderson 162	Flag Algebras $\mathcal{J}\mathcal{J}\mathcal{J}\mathcal{J}$ (Misha)				
	Alderson 230	Hardness $\mathcal{J}\mathcal{J}\mathcal{J}$ (Linus)				
	Brown 125	MCMC $\mathcal{J}\mathcal{J}$ (Mira)				
	Brown 206	Linear Algebra (2/2) $\mathcal{J}\mathcal{J}\mathcal{J}$ (Mark)				
	Brown W375	Intersecting Curves $\mathcal{J}\mathcal{J}$ (J-Lo)				
11:15–12:05	Alderson 162	[HR] PS: Inequalities $\mathcal{J}\mathcal{J}\mathcal{J}\mathcal{J}$ (Pesto)				
	Alderson 230	Metric Space Topology $\mathcal{J}\mathcal{J}$ (Jeff)				
	Brown 125	The Class Number $\mathcal{J}\mathcal{J}\mathcal{J}$ (Kevin)				
	Brown 206	Intro Number Theory (2/2) $\mathcal{J}\mathcal{J}$ (Mark)				
	Brown W375	Topological Tverberg's Theorem $\mathcal{J}\mathcal{J}\mathcal{J}\mathcal{J}$ (Viv)				
11:30–1:00	Mines Market	Lunch				
1:10–2:00	Alderson 162	[HR] The Outer Automorphism of $S_6$ $\mathcal{J}\mathcal{J}\mathcal{J}$ (Aaron)				
	Alderson 230	Chaotic? Good! $\mathcal{J}\mathcal{J}\mathcal{J}$ (Ben)				
	Brown 125	Modular Forms $\mathcal{J}\mathcal{J}\mathcal{J}\mathcal{J}$ (Shiyue)				
	Brown 206	Guess Who? $\mathcal{J}$ (Tim!)				
	Brown W375	Combinatorial Poetry $\mathcal{J}\mathcal{J}$ ( <i>Matt Stamps</i> )				
2:00–4:00	Brown Lobby	TAU			2:00-3:30	AA Meetings (bring your blurbs!)
4:00–5:00	BW280	Project Fair (In Brown)	Accidental Mathematics ( <i>Matt Stamps</i> )	<i>Not</i> the Continuum Hypothesis (Steve)	The Lost Mentor and the Sleepy JC (Misha)	3:45–5:15 Relays in Stratton Common (Bring water!)
4:30–6:30	Mines Market	Dinner				

Key: [HR]—Homework Required A—Alderson B—Brown BW—Brown West H—Hill